CREATIVE BIOMART®
Assay Kit

Soil Nitrite Reductase (S-NiR) Activity Assay Kit

Product Information

Product Overview

Significance of Measurement: Oxidized glutathione (GSSG) reflects the oxidative status of cells. The ratio of GSH to GSSG is a sensitive indicator of cellular redox balance and oxidative stress.
Principle of Measurement: After masking reduced glutathione, GSSG is reduced to GSH by glutathione reductase and subsequently reacts with chromogenic reagents to generate a colored product. Absorbance at 412 nm is used to determine GSSG content.

Size

50t/24s

Storage

Store at 2–8 °C. Shelf life: 6 months.

Detection method Spectrophotometer

Materials Required but Not Supplied

Visible spectrophotometer or microplate reader, benchtop centrifuge, adjustable pipettes, quartz cuvettes or 96-well plates, and distilled water.

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